

# Cannon Paleo Curriculum

## Unit: 3 Evolution

### Lesson Plan 3

#### The Evolution of Barbellus Part A

**Supplies:** Paper, scissors, rock layers containing fossils of *Barbellus* in Fig. 1, *Barbellus* drawings in Fig. 2, and tape.

**Concepts:** Using fossil evidence to construct evolutionary history, using structural characteristics to construct evolutionary history.

**Introduction:** Evolution can be defined as changes in groups of organisms over time. There are many things that can cause these changes, but one piece of evidence that shows us that organisms have changed, is the fossils we find. When living things from the past are compared to living things today, we can see that things have changed. Some fossils show us organisms that once lived on earth and are no longer found, such as the dinosaurs and trilobites.

Fossils are found in sedimentary rocks. These rocks are formed from layers of mud, sand, and other fine particles (including ash). These sediments turn to rock over millions of years and any living thing trapped in these sediments become fossilized.

